

ABSTRACT

A subscriber wireless access system equipped with customer stations wirelessly connected to base stations and accommodating communication terminal devices in the customer stations is provided which has at least one exchange for connecting the base stations with a virtual dedicated line network for enabling customer stations wirelessly connected to different base stations to be interconnected via a virtual dedicated line network. The exchange includes a table correlating identification information assigned to the customer stations with virtual dedicated line network connection information allocated for connecting the customer stations; means responsive to receipt of data from a customer station via a subordinate base station for, with reference to the table, sending the data through the virtual dedicated line network to another base station; and means responsive to receipt of data through the virtual dedicated line network for, with reference to the table, converting the data to customer station identification information of a customer station and sending the data to a subordinate base station.

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